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MAR 21 1970

CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK FOR IDAHO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,
and

IDAHO STATE RECLAMATION ENGINEER

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
MAR. 1, 1970

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on a measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES.

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR IDAHO

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FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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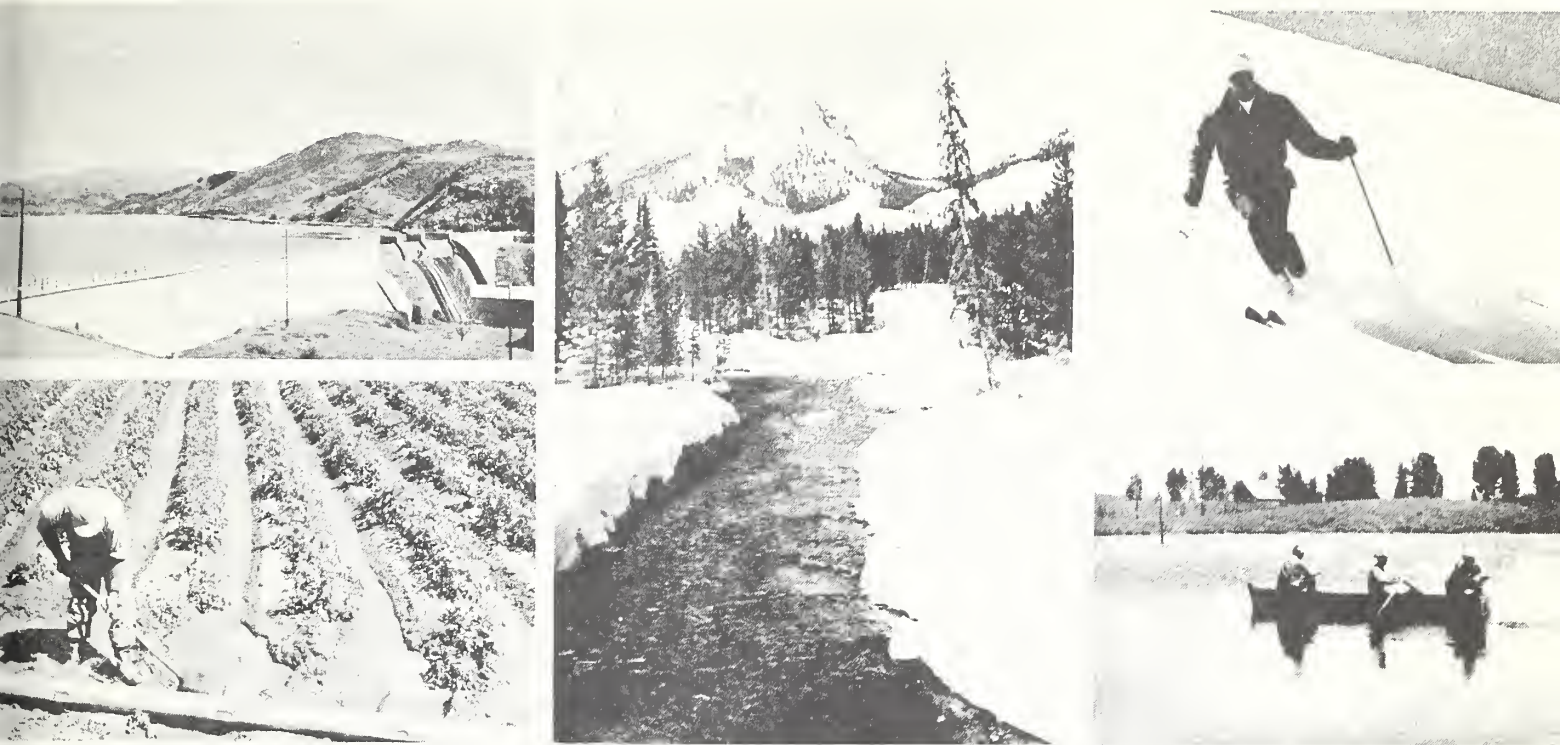
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WATER SUPPLY OUTLOOK for IDAHO



GENERAL SUMMARY FOR MARCH 1, 1970

The water supply outlook for Idaho has dropped slightly since the first of February but, in general, it is reasonably close to normal.

Snowfall during the month was light over the entire state. At this time, snow cover varies from 76% of normal on the Kootenai River to 133% on the Raft River southeast of Burley. Those rivers south of the Snake River have a snowpack well above normal. North of the Snake River, all of the drainages are close to or above normal up to the Salmon River. North of the Salmon, the major rivers have a light snowpack.

Precipitation throughout the state with the exception of a few stations in the northern part was significantly below normal. Temperatures were above normal for the month which resulted in most of the valley and foothill elevation snow cover melting.

Streamflow was generally above normal and some of the low elevation rivers, such as the Weiser River, flooded during February.

Soil moisture stations at the valley and foothill elevations continue to show above normal moisture in the soil. However, at the high mountainous elevations beneath the snowpack, soil moisture conditions are below normal.

The density of the snowpack throughout the entire state is unusually high for this time of the year. Many of the lower elevation snow courses are also more dense than usual but still need considerably more heat before runoff can occur. As a result of the ripe snowpack and the saturated soils at low elevations, the drainages are unusually sensitive to rains during March. Any rain which occurs would immediately result in runoff. This is all highly beneficial unless excessive precipitation occurs. Soil moisture conditions are excellent for the production of forage on rangeland for 1970. Reservoir stored water is excellent throughout the state.

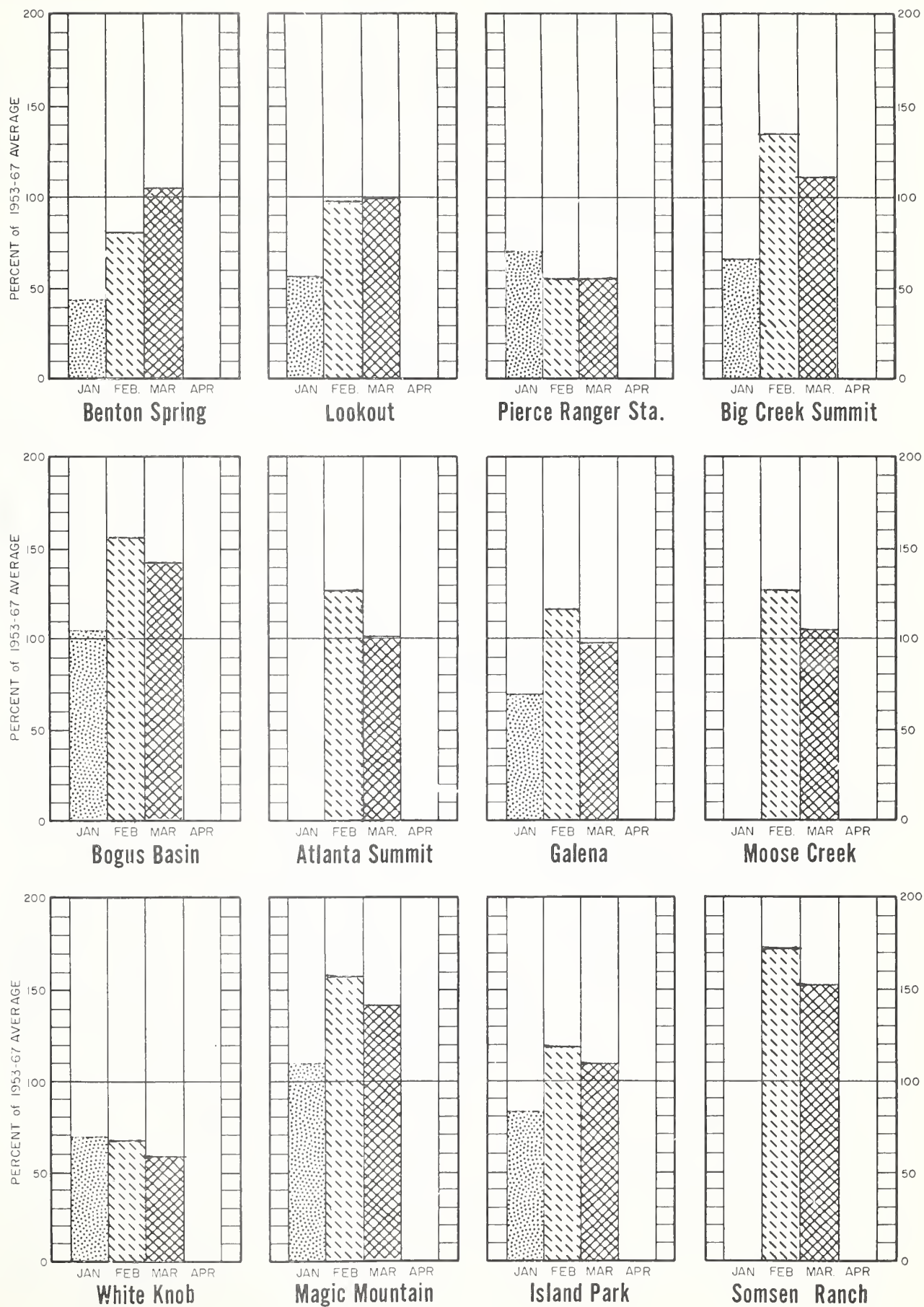
It is interesting to note a characteristic which often occurs in Idaho. The northern part of the state on the Kootenai River has an exceptionally light snowpack while the southern rivers have the heaviest snowpack. In 1961, the Kootenai River had a snowpack which produced a flood while those areas south of the Snake River had one of the driest years in over thirty years of record. This pattern of snow cover occurs often enough to indicate that it is a characteristic of storm patterns in certain years.

On an average year, about three-fourths of the total snowpack is down by March 1st.

SNOW WATER DEPTHS ACCUMULATION For Selected Snow Courses

As Compared To 1953-67 15 Yr. Average

MARCH 1, 1970



COMPARISON of SNOW COVER

RIVER BASIN WATERSHED	NO. OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	1953-67 AVERAGE
<u>UPPER COLUMBIA RIVER BASIN</u>			
Kootenai River	17	65	76
Pend Oreille River	68	74	88
Clark Fork River	50	71	86
Flathead River	18	80	94
Priest River	3-5	76	114
Spokane River	13	75	90
<u>LOWER SNAKE RIVER BASIN</u>			
Palouse River	5	52	90
Clearwater River	20	75	85
Salmon River	20-28	71	98
Lemhi River	4-7	55	80
<u>MIDDLE SNAKE RIVER BASIN - Northside</u>			
Little Lost River	5	42	80
Big Lost River	7	37	80
Fish Creek	2	35	85
Little Wood River	4	39	85
Big Wood River	10	55	95
Canyon Creek	1-4	72	128
Boise River	11-14	67	114
Payette River	12-14	81	120
Weiser River	2-4	90	131
Mann Creek	3	84	--
<u>MIDDLE SNAKE RIVER BASIN - Southside</u>			
Raft River	7	105	133
Goose-Trapper Creeks	2-3	108	131
Salmon Falls Creek	10-11	85	121
Bruneau River	5	80	127
Owyhee River	5	50	114
<u>UPPER SNAKE RIVER BASIN</u>			
Upper Snake - Wyoming	21	86	102
Camas-Beaver Creeks	2	42	106
Medicine Lodge Creek	2	37	92
Henrys Fork River	10	71	101
Teton River	2-4	99	119
Blackfoot River	4	85	122
Portneuf River	3-8	65	112
<u>GREAT BASIN</u>			
Bear River	2-5	76	98
Montpelier Creek	4-6	76	97
Mink Creek	4-5	75	92
Cub River	2	73	88
Malad River	2-4	60	84

RESERVOIR STORAGE (1,000 Ac. Ft.)

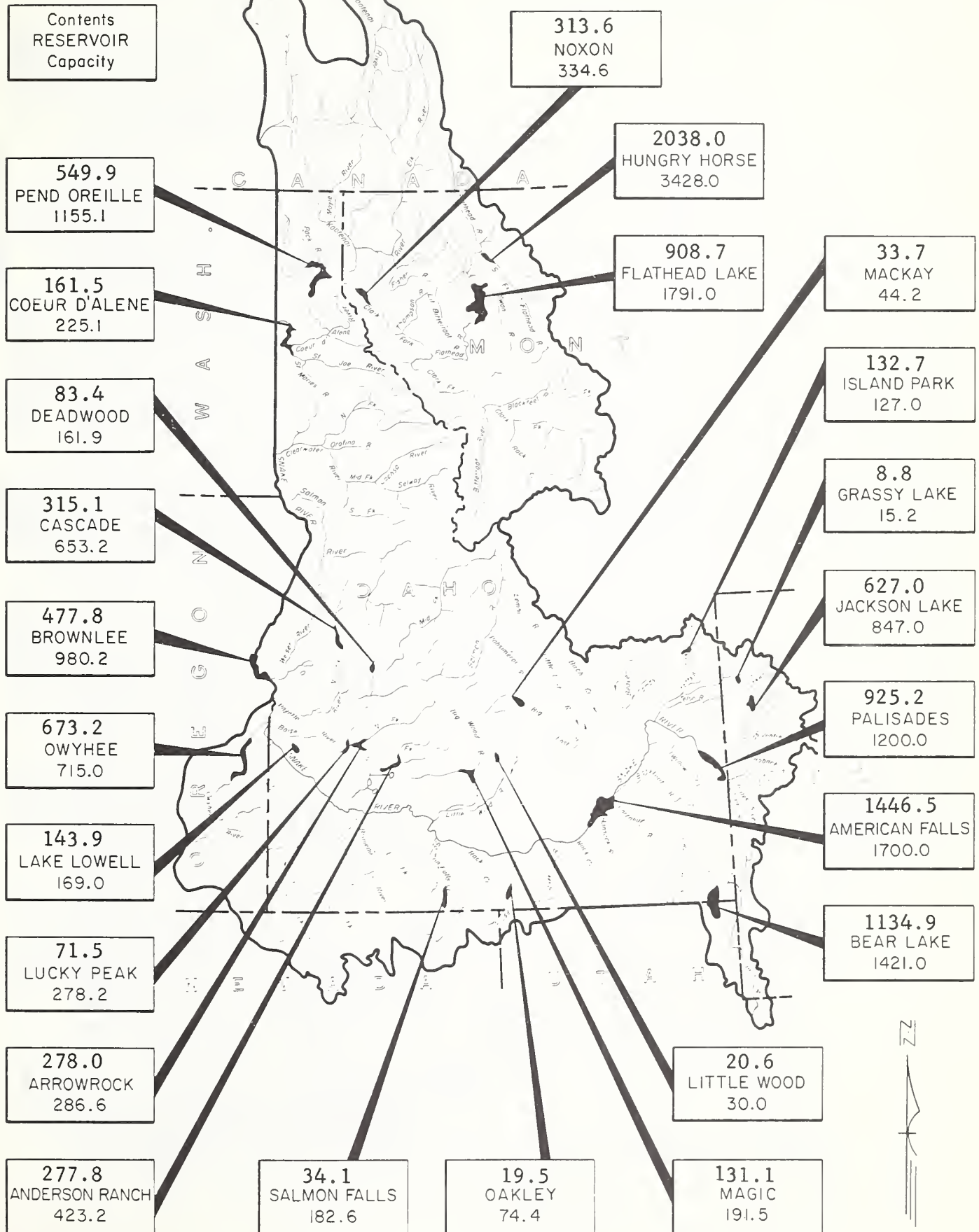
RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1953-67 AVERAGE
<u>UPPER COLUMBIA BASIN</u>				
<u>Clark Fork - Pend Oreille</u>				
Hungry Horse	3428.0	2038.0	2508.0	2269.0*
Flathead	1791.0	908.7	1010.0	963.0
Pend Oreille	1155.1	549.9	596.1	508.6
Noxon	334.6	313.7	296.9	293.4*
<u>Spokane</u>				
Coeur d'Alene	225.1	161.5	71.6	136.2
<u>SNAKE BASIN</u>				
<u>Snake</u>				
Jackson Lake	847.0	627.0	653.0	440.8
Palisades	1200.0	925.2	1021.3	711.4*
American Falls	1700.0	1446.5	1283.0	1431.6
Island Park	127.0	132.7	99.0	113.2
Grassy Lake	15.2	8.8	10.0	10.8
Brownlee	980.2	477.8	502.4	400.4*
<u>Goose-Trapper Creeks</u>				
Oakley	74.4	19.5	16.0	16.8
<u>Salmon Falls Creek</u>				
Salmon Falls	182.6	34.1	20.3	27.4
<u>Big Lost</u>				
Mackay	44.2	33.7	27.5	31.3
<u>Big Wood</u>				
Magic	191.5	131.1	70.0	102.5
<u>Little Wood</u>				
Little Wood	30.0	20.6	16.3	13.1*
<u>Fish Creek</u>				
Carey Valley	14.4	11.2	8.2	--
<u>Boise</u>				
Anderson Ranch	423.2	277.8	186.6	213.9
Arrowrock	286.6	278.0	181.2	252.6
Lucky Peak	278.2	71.5	43.1	106.6*
Lake Lowell (Deer Flat)	169.0	143.9	137.6	127.9
<u>Owyhee</u>				
Owyhee	715.0	673.2	357.7	411.8
<u>Payette</u>				
Cascade	653.2	315.1	311.8	274.2
Deadwood	161.9	83.4	82.1	74.0
<u>Weiser</u>				
Mann Creek	11.1	10.0	--	--
<u>GREAT BASIN</u>				
<u>Bear</u>				
Bear Lake	1421.0	1134.9	1066.0	871.4
* Period of Record.				

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

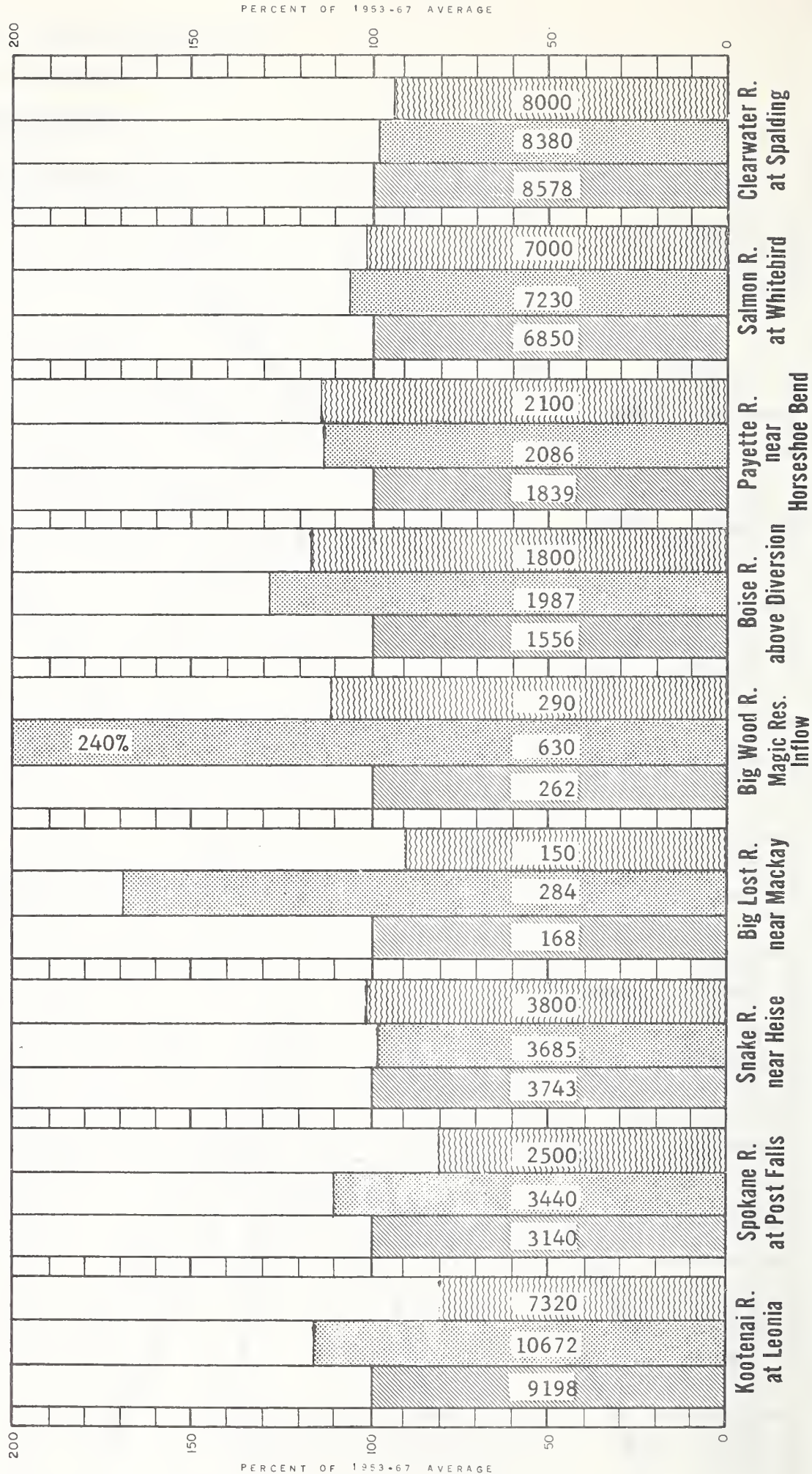
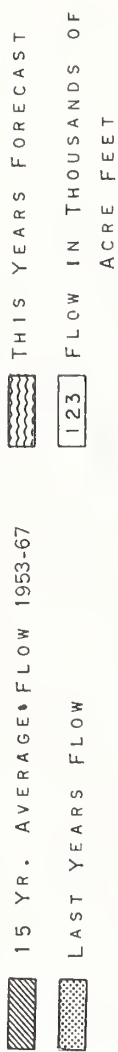
MARCH 1, 1970

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SCALE IN MILES



STREAMFLOW FORECASTS (April through September period) *Based on Snow Surveys made on approximately*

MARCH 1, 1970

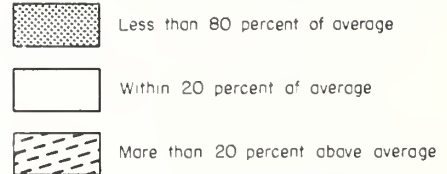


Based on Snow Surveys made on approximately
MARCH 1, 1970

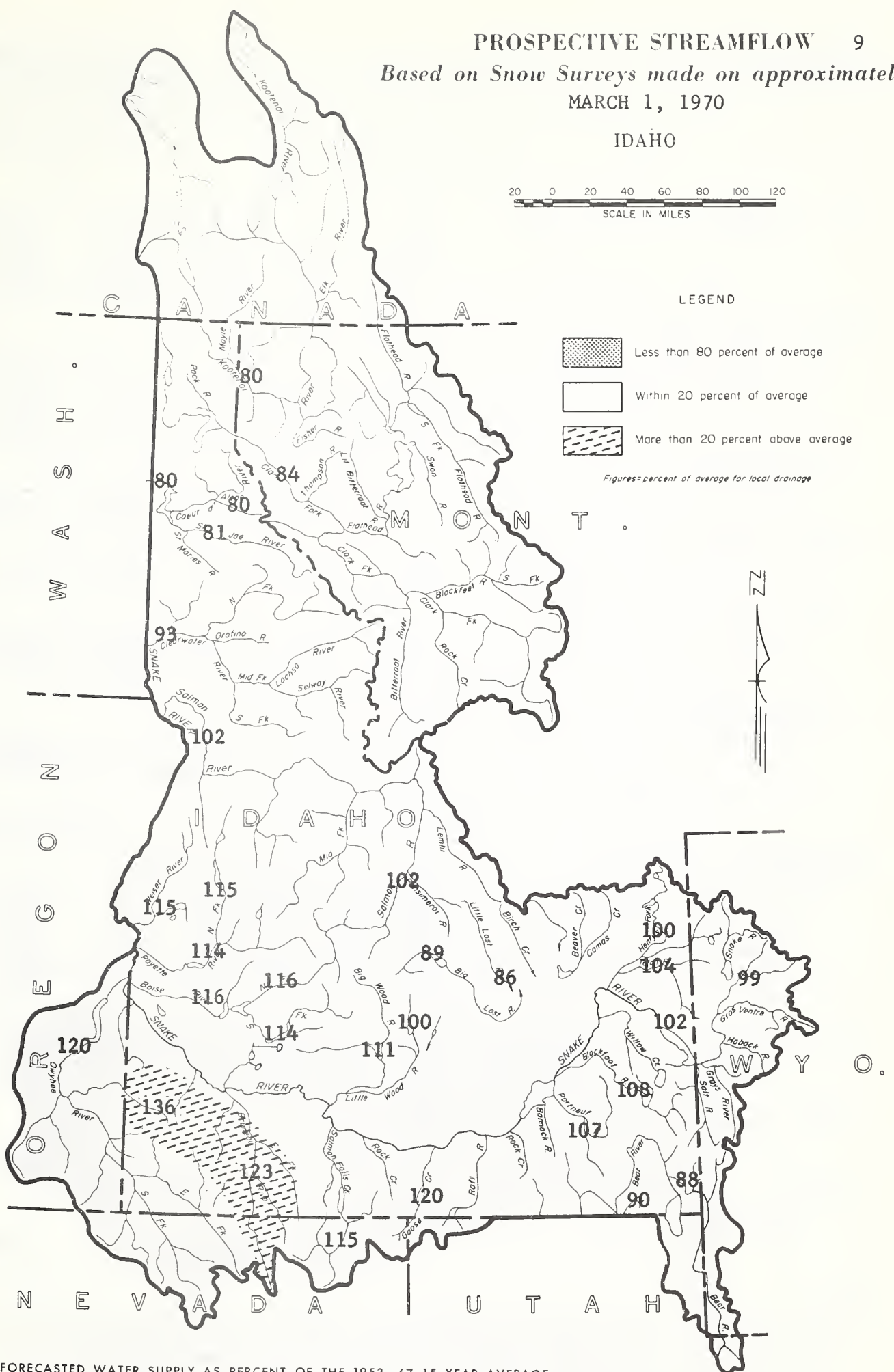
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LEGEND



Figures=percent of average for local drainage



FORECASTED WATER SUPPLY AS PERCENT OF THE 1953-67 15 YEAR AVERAGE

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STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †

UPPER COLUMBIA BASIN

KOOTENAI RIVER

Leonia	(at)	7320	80	Apr-Sep	10672	9198
		6380	79	Apr-Jul	9626	8072
		5100	79	Apr-Jun	7877	6463

PEND OREILLE RIVER

Clark Fork River

Whitehorse Rapids	(at)	11790	84	Apr-Sep	--	13987
		10750	84	Apr-Jul	--	12787
		9200	84	Apr-Jun	--	10953

Priest River

Priest River 1/	(nr)	970	106	Apr-Jul	1156	914
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SPOKANE RIVER

Post Falls 2/	(at)	2500	80	Apr-Sep	3440	3140
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Coeur d'Alene River

Cataldo	(nr)	1000	80	Apr-Sep	1378	1259
		960	80	Apr-Jul	1329	1201

St. Joe River

Calder	(at)	1110	81	Apr-Sep	--	1359
		1050	81	Apr-Jul	--	1291

SNAKE RIVER BASIN

SNAKE RIVER - MAIN STEM

Moran 3/	(at)	836	99	Apr-Sep	--	846
Palisades Inflow 3/		3540	101	Apr-Sep	--	3500
Heise 4/	(nr)	3800	102	Apr-Sep	3685	3743
Blackfoot 5/	(nr)	3950	102	Apr-Jul	--	3871
Weiser	(at)	7100	113	Apr-Sep	--	6306

Henry's Fork

Ashton 6/	(nr)	610	100	Apr-Sep	--	609
Rexburg 7/	(nr)	1230	100	Apr-Sep	--	1229

Teton River

St. Anthony	(nr)	410	104	Apr-Sep	--	394
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Blackfoot River

Blackfoot Reservoir Inflow		110	108	Apr-Sep	--	102*
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*1948-62 Average

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Priest Lake.
2/ Observed flow corrected for storage in Coeur d'Alene Lake 3/ Corrected for storage in Jackson Lake.
4/ Corrected for storage in Jackson Lake and Palisades. 5/ Corrected for storage in Jackson Lake, Palisades,
Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot. 6/ Corrected for storage
in Henry's Lake and Island Park Reservoir. 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake
and diversions between Ashton and Rexburg.
† 1953-1967 period.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT		THIS YEAR			PAST RECORD	
		FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
		Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>Portneuf River</u>						
Topaz	(at)	85	107	Mar-Sep	--	79.4
<u>Oakley Reservoir Inflow</u>		30	120	Mar-Sep	29.5	24.9
<u>Salmon Falls Creek</u>						
San Jacinto	(nr)	80	115	Mar-Sep	102.5	69.7
		75	113	Mar-Jul	98.9	66.5
<u>Bruneau River</u>						
Hot Springs	(nr)	235	123	Mar-Sep	274	191
<u>Little Lost River</u>						
Howe	(nr)	32.5	86	Mar-Sep	50.8	37.8
<u>Big Lost River</u>						
Howell Ranch	(at)	170	87	Apr-Sep	305	196
		120	88	Apr-Jun	--	137
Mackay <u>1/</u>	(nr)	150	89	Apr-Sep	284	168
<u>Big Wood River</u>						
Magic Reservoir						
Inflow <u>2/</u>		290	111	Apr-Sep	630	262
		300	112	Mar-Jul	625	268
<u>Little Wood River</u>						
High Five Creek	(ab)	80	100	Apr-Sep	193	80
<u>Boise River</u>						
Twin Springs	(nr)	830	116	Apr-Sep	--	718
		770	116	Apr-Jul	--	666
Boise <u>3/</u>	(nr)	1800	116	Apr-Sep	1987	1556
<u>South Fork</u>						
Anderson Dam <u>4/</u>	(at)	660	114	Apr-Sep	--	577
<u>Owyhee River</u>						
Gold Cr., Nev. <u>5/</u>	(nr)	18	112	Apr-Jul	--	16.1
Owyhee, Nev. <u>5/</u>	(nr)	69	115	Apr-Jul	--	60
Lake Owyhee		360	120	Apr-Sep	741	300
net inflow <u>6/</u>		450	122	Mar-Jul	875	369
<u>Jordan Creek</u>						
Lone Tree Creek	(ab)	116	136	Apr-Jul	--	85

(c) Assuming normal meteorological conditions. 1 Observed flow corrected for storage in Mackay Reservoir
2 Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 3/ Corrected for storage in Arrow-rock, Anderson Ranch and Lucky Peak. 4 Corrected for storage in Anderson Ranch Reservoir. 5/ Corrected for storage in Wild Horse Reservoir. 6/ From U.S.B.R. records of inflow.
 † 1953-1967 period.

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR				PAST RECORD	
		FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET		
		Thousand Acre Feet	Percent of Average		Last Year	Average †	
BASIN, STREAM and/or FORECAST POINT							
<u>Payette River</u>							
Horseshoe Bend <u>1/</u>	(nr)	2100	114	Apr-Sep	2086		1839
Banks <u>2/</u>	(nr)	1120	114	Apr-Jul	--		984
<u>North Fork</u>							
Cascade <u>3/</u>	(at)	635	115	Apr-Sep	--		553
Banks <u>3/</u>	(nr)	825	115	Apr-Sep	--		718
<u>Weiser River</u>							
Weiser ab. Crane Creek <u>4/</u>		580	115	Mar-Sep	--		504
<u>Salmon River</u>							
Whitebird	(at)	7000	102	Apr-Sep	7230		6850
Challis	(nr)	910	102	Apr-Sep	--		892
		795	102	Apr-Jul	--		779
<u>Clearwater River</u>							
Spalding	(at)	8000	93	Apr-Sep	8380		8578
<u>GREAT BASIN</u>							
<u>BEAR RIVER</u>							
Harer	(at)	200	88	Apr-Sep	319		226
<u>Montpelier Creek</u>							
Montpelier	(nr)	10	93	Apr-Sep	--		10.7
<u>Cub River</u>							
Preston	(nr)	43	90	Apr-Sep	--		47.8

* 1956-1967 Average.

(c) Assuming normal meteorological conditions. 1/ Corrected for storage in Cascade and Deadwood Reservoirs. 2/ Corrected for storage in Deadwood Reservoir. 3/ Corrected for storage in Cascade Reservoir. 4/ Observed flow of Weiser River nr. Weiser minus observed flow of Crane Creek at mouth. † 1953-1967 period.

VALLEY PRECIPITATION 1/

Division Averages and Departures

In Inches

DRAINAGE DIVISIONS	<u>Nov. 68 - Feb. 69</u>		<u>February</u>	
	Observed	Departure <u>2/</u>	Observed	Departure <u>2/</u>
Kootenai, Canada & U. S.	8.43	-3.78	0.95	-1.34
Flathead	7.67	-0.95	2.03	+2.60
Clark Fork	3.24	-0.49	0.34	-0.33
Pend Oreille-Spokane	13.83	-1.65	2.69	-0.32
Upper Snake	8.40	+0.06	0.73	-1.16
SNAKE RIVER PLAIN	4.60	+1.06	0.19	-0.52
Salmon-Payette-Boise	11.04	+1.67	0.92	-0.91
Clearwater	11.44	+0.33	1.90	-0.22
Southeastern Oregon	5.68	+1.40	0.34	-0.51

1/ Preliminary analysis by U. S. Weather Bureau from data furnished by Meteorological Service of Canada and U. S. Weather Bureau.

2/ Departure from 15-year (1953-67) drainage division average.



SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (inches)	WATER CONTENT (inches)	WATER CONTENT (inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

UPPER COLUMBIA RIVER BASINPEND OREILLE - PRIEST RIVER

Benton Meadow	16A2	2344	2/24	25	8.8	12.1	5.8
Benton Spring	16A3	4900	3/2	66	19.0	23.3	18.2
#Mosquito Ridge (A)	16A4	5110	2/26	110	38.4	39.8	33.8*
Schweitzer Bowl	16A6	4500	2/27	79	25.7	33.8	--
Schweitzer Ridge	16A5	6100	2/27	96	33.5	56.2	--

SPOKANE RIVER

Above Burke	15B8	4100	2/19	53	17.1	--	--
Copper Ridge	16B2	4800	2/26	70	24.8	32.2	26.0
#Forty-nine Meadows	15B3	5000	2/25	74	24.2	36.1	28.6*
Fourth of July Summit	16B3	3100	3/2	38	9.5	16.2	10.5*
Granite Peak	15B13	6000	2/25	102	33.2	45.0	41.8*
Lookout	15B2	5250	3/2	104	31.9	41.3	32.3
#Lost Lake	15B14	6000	2/25	128	46.6	63.7	53.6*
Lower Sands Creek	16B1	3400	2/26	51	17.6	22.7	17.8
Medicine Ridge	15B4	6150	2/25	104	34.0	45.3	43.6*
Mosquito Ridge (A)	16A4	5110	2/26	110	38.4	39.8	33.8*
Outlaw Creek	15B12	3750	2/25	38	11.2	20.1	13.7*
Roland Summit (A)	15B5	5200	2/26	85	29.7	37.2	34.6*
Sherwin	16C1	3200	2/28	34	11.1	17.8	14.1*
Sunset (A)	15B9	5600	2/26	87	30.4	40.5	29.9*

LOWER SNAKE RIVER BASINPALOUSE RIVER

Crumarine Creek	16C6	3340	2/26	16	5.9	13.9	6.4*
East Twin	16C3	4050	2/26	30	11.0	20.8	12.3*
Howard Creek	16C5	3450	2/26	12	4.1	12.8	4.5*
Moscow Mountain	16C2	4400	2/26	44	15.1	22.6	15.7*
West Twin	16C4	4250	2/26	24	9.1	17.3	11.1*

CLEARWATER RIVER

Above Greer	16C11	1240	2/24	0	0.0	0.0	0.0*
Anderson Butte (A)	15D7	6800	2/25	84	24.4	34.5	--
Anderson Ridge (A)	15D8	5400	2/25	53	17.5	21.3	--
Buck Meadows	15D5	5600	2/24	62	21.0	27.2	--
Cayuse Airstrip	15C3	3700	2/26	28	10.0	14.7	11.2
Coolwater Mountain (R)	15C7	6200	2/26	--	25.6	19.8	--
Coolwater Mtn. (SP)	15C7	6200	2/26	--	20.8	18.0	--
Copper Butte (A)	15D10	6000	2/25	72	23.8	23.4	--
Cottonwood Butte	16C16	5140	2/26	34	11.2	12.8	--
Crater Meadows	15C9	6100	2/26	95	33.8	42.3	39.8*

(b) 1953-67, 15 year period. * Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
Crooked Fork	14C10	3800	2/26	28	9.6	14.2	--
Disgrace Butte (A)	15D11	6600	2/25	60	19.8	27.7	--
Elk Butte	16C15	5550	2/25	96	33.0	38.6	35.8*
Elk Mountain (A)	15D13	6900	2/25	96	28.8	47.0	--
Falls Point (A)	15C11	4600	2/25	36	11.9	24.4	--
Fish Lake Airstrip	15C2	5000	2/26	95	33.0	41.2	36.2
Forest	16C9	4550	2/24	13	4.3	9.1	6.0*
Forty-nine Meadows	15B3	5000	2/25	74	24.2	36.1	28.6*
Goat Lake	14C9	6600	2/26	108	39.0	47.6	45.0*
#Granite Peak	15B13	6000	2/25	102	33.2	45.0	41.8*
Greer Summit	16C13	3000	2/24	0	0.0	4.6	0.0*
Hemlock Butte	16C6	5500	2/26	111	40.4	48.4	43.2*
Hemlock Butte (R)	16C6	5500	2/26	--	42.8	51.3	--
Hemlock Butte (SP)	16C6	5500	2/26	--	41.0	50.9	--
#Hoodoo Basin Mont.	15C8	6000	2/27	109	39.3	51.5	--
#Hoodoo Basin(SP)Mont.	15C8	6000	3/1	--	41.5	--	--
#Hoodoo Creek Mont.	15C1	5900	2/27	106	37.7	47.8	42.5*
Horse Creek #1 (A)	15C14	5500	2/25	46	15.2	23.4	--
Horse Creek #4 (A)	15C15	5400	2/25	60	19.8	22.1	--
Horse Point (A)	15D21	5700	2/25	48	16.8	21.3	--
Indian Hill (A)	15D22	6100	2/25	36	11.9	13.3	--
Lolo Pass	14C5	5230	2/26	76	25.6	30.0	29.0*
Lost Lake	15B14	6000	2/25	128	46.6	63.7	53.6*
Lower Snowhaven	16D7	5250	2/26	41	15.1	19.0	--
McCann	16C8	4300	2/24	9	3.3	8.2	5.7*
Meadow Cr. Lookout (A)	15D17	7000	2/25	60	18.0	32.4	--
#Medicine Ridge	15B4	6150	2/25	104	34.0	45.3	43.6*
Midway	16C12	2200	2/24	0	0.0	3.4	--
Mill Site (SP)	15D18	6700	2/24	63	18.6	29.0	--
Mountain Meadows	15D6	6300	2/24	53	17.6	21.0	--
#Nez Perce Pass Mont.	14D1	6575	2/24	43	13.6	15.8	13.8*
Orogrande Mtn. (R)	15D4	7800	2/26	--	29.2	36.3	--
Pierce Ranger Station	15C5	3170	2/26	17	5.6	14.0	10.3
Powell Ranger Station	14C6	4230	2/26	27	9.8	14.7	13.2*
Sable Hill (A)	15D20	6000	2/25	45	14.8	20.5	--
Savage Pass	14C4	6600	2/25	61	19.8	27.4	24.9*
Shanghai Summit	15C4	4600	2/25	56	21.6	30.6	22.7*
Sweeney	16C10	4435	2/24	11	3.5	8.5	6.0*
Upper Snowhaven	16D4	5600	2/26	46	16.7	20.8	--

SALMON RIVER

Big Creek Summit	15E2	6600	2/27	93	33.3	41.4	30.1
Borah (A)	13E8	8250	3/5	14	4.2	3.8	--
#Boulder Creek	16D1	5500	2/27	61	24.8	25.1	21.0*
Brundage Mountain	16D6	7560	2/25	134	48.0	52.8	--
Chapman Creek	16D2	4215	2/26	0	0.0	6.6	2.6*
#Deadwood Summit (A)	15E4	7000	3/4	144	51.6	60.6	38.2*
Doublespring Pass (A)	13E25	8400	3/5	33	10.9	9.9	--
#Galena Summit	14F12	8795	2/24	62	18.6	29.8	19.3

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (inches)	WATER CONTENT (inches)	WATER CONTENT (inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
#Gibbons Pass Mont.	13D2	7100	2/24	54	18.9	26.9	19.5
Johns Creek	16D3	3805	2/26	0	0.0	5.8	1.6*
Keystone (A)	14E6	7700	3/5	24	7.9	9.9	--
Leatherman Pass (A)	13E24	9800	3/5	62	21.7	30.4	--
#Lemhi Pass Mont.	13E1	7480	2/25	21	5.2	11.1	6.9
#Lemhi Ridge Mont.	13E23	8100	2/25	21	5.8	10.7	--
Mill Creek Summit	14E1	8870	2/27	47	16.9	29.0	19.3*
Moose Creek	13D16	6200	2/27	45	14.9	17.6	14.2
Morgan Creek	14E4	7580	2/27	34	10.4	17.4	13.4*
Redfish Lake	14E2	6600	2/24	35	9.1	12.2	--
#Rock Flat Summit	16E1	5200	2/25	52	17.8	21.2	15.3
#Secesh Summit	15D1	6600	2/26	85	31.5	42.0	--
#Squaw Flat (A)	16E5	6230	3/4	81	29.0	35.7	--
#Squaw Meadow	15D2	5800	2/26	93	34.2	41.9	32.1*
Twin Peaks (A)	14E3	10300	3/5	63	22.0	31.9	--
Vienna Mine (A)	14F4	8900	2/26	76	22.8	35.6	30.3*
Whitebird Summit	16D5	4390	2/26	6	1.8	9.4	5.3*
Williams Creek Summit	14D4	7800	2/26	35	10.5	14.3	10.8*

Lemhi River

Above Gilmore	13E19	8200	2/26	28	7.3	12.7	8.3*
Aspen-Hall Pass	13E21	8110	2/25	32	7.6	11.2	--
Copes Camp	13E17	7500	2/25	20	4.4	10.0	6.5*
Gertson Creek (A)	13D17	8050	2/26	18	4.0	10.1	--
Hall Creek	13E20	7560	2/25	18	4.0	6.6	--
Meadow Lake	13E18	9100	2/26	43	13.6	24.0	17.0*
Schwartz Lake	13E16	8500	2/25	31	8.4	15.5	10.5*

SOIL MOISTURE

STATION		PROFILE (inches)		SOIL MOISTURE (inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>SPOKANE RIVER</u>							
Fourth of July Summit	3100	48	11.6	3/2	10.2	10.1	9.1
Lookout	5250	48	11.0	3/2	7.5	8.4	8.5
<u>CLEARWATER RIVER</u>							
Brown	3100	36	6.7	2/24	5.8	5.7	5.9
Midway	2200	36	6.1	2/24	5.1	5.2	5.3
<u>SALMON RIVER</u>							
Mill Creek Summit	8870	48	8.4	2/27	4.4	6.7	6.6
<u>Lemhi River</u>							
Above Gilmore	8200	60	5.4	2/26	2.4	4.3	3.1
Meadow Lake	9100	48	4.4	2/26	1.9	2.6	2.0

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

MIDDLE SNAKE RIVER BASIN - NORTHSIDELITTLE LOST RIVER

Fairview Guard Sta.	13E5	6750	2/26	20	4.3	7.7	4.1*
Lost Garfield	13E3	6600	2/26	14	3.2	6.5	3.4*
Moonshine	13E6	7450	2/26	26	6.6	17.5	9.4*
Sawmill Canyon	13E4	6900	2/26	25	6.0	10.8	7.1*
Swauger Lake (A)	13E9	9050	3/5	17	5.1	6.7	--
Wet Creek Summit	13E7	7600	2/24	27	6.7	20.9	9.3*

BIG LOST RIVER

Bear Canyon	13F3	7920	2/26	45	13.0	30.8	15.2
Cherry Creek Pass (A)	13F13	8900	2/26	4	0.9	2.6	--
Copper Basin	13F2	7650	2/26	22	6.2	19.2	8.0
#Doublespring Pass (A)	13E25	8400	3/5	33	10.9	9.9	--
Dry Fork (A)	13F20	7340	2/25	45	12.4	26.8	--
Fishpole Lake (A)	13F8	9350	2/26	62	17.9	32.7	--
Grasshopper (A)	13F7	8400	2/25	32	8.8	24.3	--
Iron Bog	13F11	7650	2/25	34	9.4	28.5	11.0*
Leadbelt	13F12	6800	2/25	22	5.4	22.1	8.0*
#Leatherman Pass (A)	13E24	9800	3/5	62	21.7	30.4	--
Lost-Wood Divide (A)	14F3	7900	2/26	59	17.7	34.2	20.4*
Mammoth Canyon (A)	13F17	8300	2/26	11	2.5	14.2	--
North Fork Meadow (A)	14F15	8150	2/26	29	8.2	18.5	--
Sage Creek (A)	14E5	7800	3/5	21	6.9	17.1	--
Stickney Mill	14F2	7500	2/26	26	6.5	17.2	7.8
White Knob	13F1	7700	2/27	18	4.1	15.8	7.0*

FISH CREEK

#Dry Fork (A)	13F20	7340	2/25	45	12.4	26.8	--
Iron Mine Creek	13F10	6370	2/27	28	7.1	21.1	8.8*
Telfer Ranch	13F6	6000	2/27	21	6.2	16.5	6.9

LITTLE WOOD RIVER

#Bear Canyon	13F3	7920	2/26	45	13.0	30.8	15.2
Garfield Rgr. Sta.	13F4	6554	2/26	27	8.0	21.8	9.0
Muldoon	13F5	6300	2/26	22	6.2	17.2	7.2
Porcupine (A)	14F14	8350	2/26	45	13.0	34.6	--
Swede Peak	13F9	7500	2/26	41	11.9	29.4	14.4*

BIG WOOD RIVER

Camas Creeks Divide	15F9	5720	2/25	36	14.1	19.5	--
#Couch Summit	14F10	6950	2/26	48	16.1	29.0	15.2*
Dollarhide Summit (A)	14F8	8620	2/26	62	21.2	43.6	21.8*

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (inches)	WATER CONTENT (inches)	WATER CONTENT (inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
Galena	14F1	7300	2/24	53	16.2	26.2	16.6
Galena Summit	14F12	8795	2/24	62	18.6	29.8	19.3
Graham Ranch	14F5	6200	3/2	53	12.0	21.6	11.5
#Lost-Wood Divide (A)	14F3	7900	2/26	59	17.7	34.2	20.4*
Mascot Mine	14F7	7900	2/25	38	10.6	22.4	11.8
Mount Baldy	14F9	9000	3/2	70	17.6	32.6	17.0
#Porcupine (A)	14F14	8350	2/26	45	13.0	34.6	--
Soldier Rgr. Sta.	14F11	6100	2/26	33	11.7	22.7	10.0
#Vienna Mine (A)	14F4	8900	2/26	76	22.8	35.6	30.3*

CANYON CREEK

Bennett Mountain	15F7	6650	2/25	52	19.0	22.6	14.9*
#Camas Creeks Divide	15F9	5720	2/25	36	14.1	19.5	--
#Danskin (A)	15F10	5650	3/4	53	18.0	22.2	--
Dixie Hill	15F8	5230	2/25	8	3.8	10.0	--
Little Camas Flat	15F12	4950	2/25	23	9.1	12.0	--
Long Tom (A)	15F13	4550	3/4	0	0.0	3.6	--
#Willow Creek Cabin(A)	15F11	4710	3/4	0	0.0	2.7	--

BOISE RIVER

Atlanta Summit	15F4	7500	2/27	81	28.9	48.9	28.6*
Atlanta Summit (SP)	15F4	7500	2/27	81	29.0	--	--
Bad Bear	15F2	5500	3/2	42	14.6	20.0	11.8*
#Bennett Mountain	15F7	6650	2/25	52	19.0	22.6	14.9*
#Bogus Basin	16F2	6120	2/27	69	26.3	29.2	18.5
Bogus Basin Road	16F4	5360	2/27	7	3.1	11.8	5.2*
#Camas Creeks Divide	15F9	5720	2/25	36	14.1	19.5	--
Couch Summit	14F10	6950	2/26	48	16.1	29.0	15.2*
Danskin (A)	15F10	5650	3/4	53	18.0	22.2	--
Deadman Gulch	16F1	5600	2/25	43	15.5	20.0	13.2*
#Dixie Hill	15F8	5230	2/25	8	3.8	10.0	--
#Dollarhide Summit (A)	14F8	8620	2/26	62	21.2	43.6	21.8*
Jackson Peak (A)	15E9	7000	3/4	113	36.2	42.8	26.5*
#Little Camas Flat	15F12	4950	2/25	23	9.1	12.0	--
#Long Tom (A)	15F13	4550	3/4	0	0.0	3.6	--
Moore's Creek Summit	15F1	6100	3/2	96	32.8	40.6	27.0
Prairie	15F6	4900	2/26	18	6.7	10.6	4.7
Road Creek (A)	15F3	5550	3/4	39	13.3	19.3	9.0*
#Soldier Rgr. Sta.	14F11	6100	2/26	33	11.7	22.7	10.0
Trinity Mountain	15F5	7780	2/26	96	37.3	58.7	36.4*
Trinity Mountain (SP)	15F5	7780	2/26	--	38.5	--	--
#Vienna Mine (A)	14F4	8900	2/26	76	22.8	35.6	30.3*
Willow Creek Cabin (A)	15F11	4710	3/4	0	0.0	2.7	--

PAYETTE RIVER

#Big Creek Summit	15E2	6600	2/27	93	33.3	41.4	30.1
Bogus Basin	16F2	6120	2/27	69	26.3	29.2	18.5

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
#Brundage Mountain	16D6	7560	2/25	134	48.0	52.8	--
Cozy Cove	15E8	5900	2/24	45	18.2	23.7	14.1
Crawford Rgr. Sta.	15E3	4800	2/27	23	8.0	13.5	6.9*
#Deadman Gulch	16F1	5600	2/25	43	15.5	20.0	13.2*
Deadwood Airstrip	15E10	5440	2/24	46	17.8	21.3	13.7*
Deadwood Dam	15E7	5290	2/24	46	17.4	23.4	14.8
Deadwood Summit (A)	15E4	7000	3/4	144	51.6	60.6	38.2*
Greenfield Flat (A)	16E7	7370	3/4	129	46.2	46.4	--
High Valley Summit	16E4	5170	2/28	35	12.2	16.2	8.7*
#Jackson Peak (A)	15E9	7000	3/4	113	36.2	42.8	26.5*
Lake Fork	15E1	6000	2/25	45	14.4	18.6	13.8*
#Mica Ridge (A)	16E6	6800	3/4	111	39.7	44.6	--
Rock Flat Summit	16E1	5200	2/25	52	17.8	21.2	15.3
Secesh Summit	15D1	6600	2/26	85	31.5	42.0	--
Silver Creek Ridge (A)	15E5	5700	3/4	60	19.2	22.6	--
#Squaw Flat (A)	16E5	6230	3/4	81	29.0	35.7	--
Squaw Meadow	15D2	5800	2/26	93	34.2	41.9	32.1*
Tripod Summit	16E3	5200	2/28	57	20.9	23.2	15.6*

WEISER RIVER

Boulder Creek	16D1	5500	2/27	61	24.8	25.1	21.0*
Mica Ridge (A)	16E6	6800	3/4	111	39.7	44.6	--
Placer Creek	16E2	6000	2/26	61	21.3	22.3	14.1*
Squaw Flat (A)	16E5	6230	3/4	81	29.0	35.7	--

MANN CREEK

Mann Creek	16E9	5980	2/24	68	25.6	28.9	--
Robinson Creek Ridge	17E1	6220	2/24	49	19.3	27.5	--
Sturgill Ridge	16E8	6680	2/24	81	31.8	35.3	--
Thorson Cabin	17E2	5320	2/24	41	14.5	--	--

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SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>LITTLE LOST RIVER</u>							
Fairview Guard Station	5850	42	7.6	2/26	8.4	8.5	7.5
Wet Creek Summit	8175	48	17.1	2/24	12.4	16.4	14.2
<u>LITTLE WOOD RIVER</u>							
Garfield R. S.	6554	36	5.2	2/26	3.1	4.0 ^f	2.8
<u>BIG WOOD RIVER</u>							
Galena	7300	48	10.1	2/24	6.2	8.6	8.2
Galena Summit	8795	48	5.8	2/24	1.8	5.0	1.8
<u>BOISE RIVER</u>							
Bad Bear	5500	72	6.3	12/31	3.8	5.7	5.8
Bogus Basin Road	4830	48	7.1	2/27	5.7	5.7	6.6
f February Measurement							

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

MIDDLE SNAKE RIVER BASIN - SOUTHSIDERAFT RIVER

Boy Scout Camp	13G2	7600	2/26	42	16.2	13.1	12.8*
Clear Cr. Meadows Utah	13H2	9050	2/26	58	19.2	27.2	17.5*
Howell Canyon	13G1	8000	2/26	80	31.2	23.0	20.5
One Mile Smt. Utah	13H1	7330	2/26	18	6.1	9.1	6.5*
Sheep Hollow	13G5	6200	2/26	20	7.4	7.7	4.8*
Sublett	12G8	6000	2/26	34	11.9	9.5	9.0
Summit Springs	12G9	6400	2/26	37	13.6	10.7	8.2*

GOOSE CREEK

Badger Gulch	14G3	6660	2/26	37	12.8	11.7	9.3
Bostetter Rgr. Sta.	14G1	7500	2/25	54	20.0	18.0	15.8
Vi Pont (A)	13H3	7670	2/26	49	17.0	16.5	--

SALMON FALLS CREEK

#Bear Creek Nev.	15H1	7800	2/25	52	18.8	26.2	15.3*
Cedar Creek	14G5	7000	2/25	26	8.6	11.8	8.9*
Deadline	14G4	6900	2/25	62	24.1	21.7	18.1*
#Fox Creek Nev.	15H2	6800	2/25	28	9.6	14.4	7.9*
Goat Creek Nev.	15H13	8800	2/25	48	15.8	21.0	14.9*
#Hummingbird Spgs. Nev.	15H15	8945	2/25	64	22.0	26.5	17.5*
Magic Mountain	14G2	6700	2/25	55	20.6	17.1	14.5
#Pole Creek R.S. Nev.	15H14	8330	2/25	52	17.8	19.6	15.3*
Red Point Nev.	15H18	7940	2/25	31	10.2	6.3	9.5*
Shoshone Basin	14G6	5740	2/25	10	4.0	7.7	3.2*
Wilson Creek	15G2	7500	2/25	33	10.2	19.0	--

BRUNEAU RIVER

Bear Creek Nev.	15H1	7800	2/25	52	18.8	26.2	15.3*
Fox Creek Nev.	15H2	6800	2/25	28	9.6	14.4	7.9*
Hummingbird Spgs. Nev.	15H15	8945	2/25	64	22.0	26.5	17.5*
Pole Creek R.S. Nev.	15H14	8330	2/25	52	17.8	19.6	15.3*
#Seventy-six Cr. Nev.	15H3	7100	2/25	41	14.4	16.6	9.1*

OWYHEE RIVER

Antelope Ridge	16G6	5900	3/3	18	6.3	17.4	4.2*
Battle Creek (A)	16G9	5700	2/25	1	0.4	7.0	--
#Bear Creek Nev.	15H1	7800	2/25	52	18.8	26.2	15.3*
Bull Basin (A)	16G10	5600	2/25	0	0.0	3.5	--
#Fox Creek Nev.	15H2	6800	2/25	28	9.6	14.4	7.9*
Hyde Pasture	16G5	5800	2/25	12	4.4	12.2	--
Mud Flat	16G7	5500	3/3	18	6.2	10.4	4.7*

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
Red Canyon (A)	16G11	6650	2/25	21	7.8	10.4	--
#Seventy-six Cr. Nev.	15H3	7100	2/25	41	14.4	16.6	9.1*
Silver City	16F3	6400	3/2	49	15.5	22.9	12.5
South Mountain	16G1	6340	3/2	38	13.2	23.2	9.5
Succor Creek (A)	16F6	6100	2/25	12	4.4	8.7	--
Triangle	16G4	5150	2/25	0	0.0	1.7	--
Vaught Ranch (A)	16G12	5950	2/25	8	3.0	7.0	--
War Eagle (A)	16G13	7700	2/25	83	29.1	28.1	--

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>RAFT RIVER</u>							
Howell Canyon	8000	48	11.5	2/26	7.2	7.3	4.9
Sheep Hollow	6200	36	7.5	2/26	6.1	--	--
Sublett	6000	36	7.0	2/26	5.8	7.3 ^f	5.4
<u>GOOSE CREEK</u>							
Badger Gulch	6660	36	7.0	2/26	6.3	5.8 ^f	5.5
<u>SALMON FALLS CREEK</u>							
Deadline	6900	36	7.4	2/25	6.6	7.2	7.1
Patrick Ranch	5720	36	7.7	2/25	6.7	6.8	7.4
Pole Creek R. S.	8330	48	9.7	2/25	4.9	6.2	4.5
<u>BRUNEAU RIVER</u>							
Bear Creek	7800	72	16.9	2/25	10.9	11.9	8.8
<u>OWYHEE RIVER</u>							
Mud Flat	5500	48	12.8	3/3	14.4	14.4	13.1
f February Measurement							

(b) 1953-67, 15 year period. * Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

UPPER SNAKE RIVER BASINCAMAS-BEAVER CREEKS

Camp Creek	12E3	6800	2/25	24	6.5	21.4	7.8
Kilgore	11E12	6200	2/24	33	10.5	19.4	8.3

MEDICINE LODGE CREEK

Irving Creek	12E4	7035	2/26	16	4.0	10.2	4.5*
Webber Creek	12E5	6700	2/26	16	4.0	11.5	4.2*

HENRYS FORK RIVER

Big Springs	11E9	6500	2/26	55	18.6	26.0	17.9
Black Canyon	11E18	7850	2/24	81	26.8	40.2	28.5*
Black Moose	11E19	8125	2/24	92	33.8	48.0	34.0*
Grassy Lake Wyo.	10E15	7230	2/26	91	33.2	32.5	29.1
Island Park	11E10	6315	2/26	48	15.1	23.5	13.9
Latham Springs	11E16	7650	2/24	78	27.8	36.8	27.8*
Lucky Dog	11E14	6900	2/24	67	22.2	30.0	21.1*
Old Road	11E15	7250	2/24	70	25.6	35.8	24.3*
Poacher's Cabin	11E17	8000	2/24	76	27.4	39.6	29.0*
Sawtelle Mountain	11E32	8715	2/26	74	26.0	47.1	--
Targhee Pass	11E34	7000	2/26	37	9.9	25.5	--
Valley View	11E8	6500	2/26	36	10.1	28.1	13.3

TETON RIVER

Darby Canyon (A)	10F21	8250	2/26	56	21.4	23.9	--
Freds Mountain	10F22	8000	2/27	68	26.0	23.6	--
Pine Creek Pass	11F2	6750	2/27	54	18.9	17.7	14.6*
State Line	11F1	6400	2/27	40	13.1	15.1	12.2

WILLOW CREEK

Aspen Grove	11F10	6600	2/26	34	10.5	13.5	--
Birch Creek	11F3	6800	2/26	24	8.3	11.7	--
Bone	11F8	6200	2/25	22	7.1	9.9	--
Ozone	11F4	5800	2/25	0	0.0	1.0	--
Sheep Mountain II	11F11	6510	2/25	38	12.4	16.9	--
Tex Creek	11F5	6700	2/26	23	7.0	10.8	--

SAND CREEK

Taylor Moutain	11F7	6500	2/27	26	10.1	13.0	--
Henry Creek	11F6	5650	2/27	0	0.0	5.4	--

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
						LAST YEAR	AVERAGE ^b

BLACKFOOT RIVER

Austin Bros. Ranch	11G3	6450	2/27	24	7.4	9.5	6.8*
China Hat	11G2	6300	2/27	17	5.8	7.2	5.4
Slug Creek Divide	11G5	7225	2/24	40	14.8	16.8	13.1*
Somsen Ranch	11G1	7000	2/27	44	15.0	16.9	9.9*

PORTNEUF RIVER

Cove	11G25	5525	2/26	0	0.0	5.4	--
Dempsey Creek	12G5	6280	2/25	31	10.4	13.1	9.1*
Lower Pebble	12G6	5800	2/26	32	10.6	16.9	--
Mink Creek	12G1	6300	2/25	36	13.4	18.2	12.7
Moser	11G24	5950	2/26	22	7.9	10.9	--
North Bancroft #1	11G23	5460	2/25	0	0.0	2.6	--
North Bancroft #2	11G22	5430	2/25	0	0.0	2.4	--
Pebble Creek	12G2	6550	2/26	38	14.2	17.0	12.1

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>HENRYS FORK RIVER</u>							
Island Park	6315	48	9.9	2/26	7.6	9.2	8.5
<u>TETON RIVER</u>							
Pine Creek Pass	6750	48	13.3	2/27	12.1	14.7	12.0
State Line	6400	48	14.8	2/27	12.6	14.2	14.9
Teton Pass	8500	48	10.5	2/27	7.2	8.1	9.1
<u>PORTNEUF RIVER</u>							
Lower Dempsey	5210	48	18.7	2/25	21.0	19.7	21.0
Lower Pebble	5800	36	7.6	2/26	4.8	8.5	8.4
Pebble Creek	6550	48	7.2	2/26	4.5	6.4	4.4

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

GREAT BASINBEAR RIVER

Emigrant Summit	11G6	7350	2/24	58	21.8	26.6	19.2*
Emigration Canyon	11G7	6500	2/24	28	9.8	11.8	8.6*

Montpelier Creek

Giveout	11G16	6840	2/25	31	10.9	13.1	10.1*
Little Beaver	11G20	6970	2/25	37	12.7	16.2	13.4*
Lower Home Canyon	11G27	7500	2/26	37	12.6	15.9	--
Montpelier Creek	11G18	6570	2/25	22	7.2	9.4	6.8*
Upper Home Canyon	11G26	8500	2/26	60	20.7	25.7	--
Whiskey Flat	11G21	6985	2/25	20	6.5	12.8	8.1*

Mink Creek

Christensen Ranch	11G11	5600	2/25	16	4.9	9.3	7.3*
#Emigrant Summit	11G6	7350	2/24	58	21.8	26.6	19.2*
Liberty Spring	11G13	8600	2/24	89	32.3	37.4	--
Strawberry Creek	11G9	5800	2/24	20	6.3	11.9	9.3*
Strawberry Mink Divide	11G10	6800	2/24	45	15.7	22.4	17.2*

Cub River

Cub River R. S.	11G12	5400	2/25	21	7.4	8.7	7.5*
Willow Flat	11G4	6100	2/25	28	10.3	15.6	12.7*

MALAD RIVER

Dry Creek Flat	12G4	6350	2/26	8	3.4	10.1	6.2*
Lower Daniels	11G12	6400	2/27	10	3.1	--	--
Lower Elkhorn	12G11	6850	2/26	33	12.5	20.9	--
Oxford Mountain	12G3	6800	2/26	23	8.6	13.0	8.0*
Upper Daniels	11G13	7200	2/27	16	5.4	--	--
Upper Elkhorn	12G10	7100	2/26	50	17.6	25.8	--

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SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>BEAR RIVER</u>							
Emigrant Summit	7350	36	8.2	2/24	6.2	5.6 ^a	2.5
Strawberry Creek	5800	48	12.7	2/24	8.0	11.8	7.8
<u>Montpelier Creek</u>							
Giveout Pass	7025	36	9.4	2/25	4.2	5.9 ^a	2.4
Jenson Ranch	6580	48	18.7	2/25	10.5	8.2 ^f	6.2
a April Measurement							
f February Measurement							



Agencies and Organizations Cooperating in Idaho Snow Surveys

GOVERNMENT AGENCIES

Canada:

Department of Lands, Forests, and
Water Resources, British Columbia
Department of Resources and Development,
Water Resources Division

States:

Idaho State Reclamation Engineer
State of Idaho Department of Fish and Game
University of Idaho
Idaho State University
Montana Agricultural Experiment Station
Montana State Water Conservation Board
Nevada Cooperative Snow Surveys
Oregon Agricultural Experiment Station
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of
State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers
U. S. Department of Agriculture
Forest Service
Agricultural Research Service
U. S. Department of Commerce
Environmental Sciences Service Administration,
Weather Bureau
U. S. Department of the Interior
Bonneville Power Administration
Bureau of Reclamation
Fish and Wildlife Service
Water Resources Division, Geological Survey
Indian Service
National Park Service
Bureau of Land Management

PUBLIC UTILITIES

The Montana Power Company
Washington Water Power Company
Idaho Power Company
Utah Power and Light Company

ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District
Boise Project Board of Control
Little Wood River Irrigation District
Jordan Valley Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Twin Lakes Irrigation Company
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control

PRIVATE CORPORATIONS

Amalgamated Sugar Company

*Other organizations and individuals furnish valuable information for
snow survey reports. Their cooperation is gratefully acknowledged.*

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